



TRANSMITTAL FORM

Application Number	10/786,010
Filing Date	02/26/2004
First Named Inventor	Pierte ROO
Group Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	MP0039 C1

to be used for all con	respondence after initial filing	Group Art Unit		Unknown
	* plus 34 cited references	Examiner Name		Unknown
Total number of pages in this submiss	sion including transmittal 28 *	Attorney Docket Nu	ımber	MP0039.C1
	ENC	LOSURES (che	ck all	that apply)
Fee Transmittal Form Fee Attached - Che Amendment / Reply After Final Affidavits/declaration Extension of Time Reques Express Abandonment Re with 27 PTO 1449 forms and 34 or Certified Copy of Priority Document(s) Response to Missing Part Incomplete Application Response to Missing Under 37 CFR 1.52	Assign (for ar Drawing	mment Papers Application) ng(s) ing-related Papers n to Convert to a ional Application of Attorney, Revocation to of Correspondence	After Allowance Communication to TC Appeal Communication to Board of Appeals and Interferences Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) Proprietary Information Status Letter Other Enclosure(s) (identify below):	
ands, or or it not				
	SIGNATURE OF APP	LICANT, ATTORNEY, C	OR AG	ENT
Firm Name KATTEN MUCHI	N ROSENMAN, LLP			
Signature	Andrew	J. Baterna		
Printed Name Andrew J. Bate		V · · · · · · · · · · · · · · · · · · ·		
Reg. No. 45,573			Date:	07/20/2005
				·
	CERTIFICATE OF FACS	IMILE TRANSMISSIO	ON OF	MAILING
I hereby certify that this correspondence	is being facsimile transmitted to the	USPTO via fax no. (703) 872	-9306 or	is being deposited with the US Postal Service Alexandria, VA 22313-1450 on the date shown
Signature				
Timed on Drinked Name				

Typed or Printed Name

Date:

MP0039.C1 **Patent**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Pierte ROO

Application No.: 10/786,010

Filed: February 26, 2004

ACTIVE RESISTIVE SUMMER FOR A For:

TRANSFORMER HYBRID

Examiner: Unknown

Group Art Unit: Unknown

Confirmation No.: Unknown

Date: July 20, 2005

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In compliance with the duty of disclosure under 37 CFR § 1.56 and in accordance with the practice under 37 CFR §§ 1.97 and 1.98, the Examiner's attention is directed to the documents listed on the enclosed PTO-1449s and to copies of any literature and non-U.S. patent documents submitted herewith. It is respectfully noted that Applicants do not have copies of certain literature and non-U.S. patent documents listed on the enclosed PTO-1449 forms. Applicants will provide copies of such to the Patent Office as soon as possible. If the Examiner has not received such copies at the time of consideration of this IDS, the Examiner is respectfully requested to contact the Applicants' undersigned attorney.

In accordance with 37 CFR § 1.97(h), this Information Disclosure Statement is not to be construed as an admission that the information cited is or is considered to be material to patentability as defined in 37 CFR § 1.56(b), nor as an admission that the information constitutes prior art within the meaning of 35 USC §§ 102 and/or 103.

It is respectfully requested that the information listed on the PTO-1449 be considered by the Examiner, and that an initialed copy be returned indicating that such information was considered.

No fee is necessary for the submission of this Information Disclosure Statement. Should the Examiner have any questions, Applicants' undersigned attorney is reachable by telephone in our Washington, D.C. office at (202) 625-3547. The correspondence address of record is provided below.

Respectfully submitted,

IP Docket Katten Muchin Rosenman, LLP 1025 Thomas Jefferson St., NW East Lobby, Suite 700 Washington, DC 20007-5201 Facsimile No.: (202) 298-7570

Customer No.: 28285

KATTEN MUCHIN ROSENMAN, LLP

By: Andrew J. Bateman Attorney for Applicants

Registration No. 45,573

•		OIPE	٤)					
FORM PTO 1449 MODIFIE	D	2005	4		DOCKET NO.	APPLIC	ATION NO.	
U.S. PATENT AND TRADE	1	D JUL 2 0 2005		MP0088.IC3			signed	
LIST OF RE	FERENCES CITED BY	APPLICANT	Š	APPLICANT Sehat SUTARDJA				
		PADEMA	<u> </u>	FILIN	G DATE		ROUP	
DATE SUBMITTED	TO USPTO: July 12, 2005				2/2005		signed	
FOREIGN PAT	ENT DOCUMENTS	7. 1					<u> </u>	
*EXAMINER INITIALS	DOCUMENT NUMBER	DATE	COU	COUNTRY		SUBCLASS	TRANSLATION OR ABSTRACT	
	DE 10 2004 017 497	11/2004	GERN	MANY			ABSTRACT	
				· · · · · · · · · · · · · · · · · · ·				
-				100				
			-					
								
OTHER DOCU	MENTS (Including author, tit	le. date. nertinen	t pages, etc.)		J		1	
	Yamaguchi, et al., "400N Laboratories Ltd. and EN	/lbit/s Submarine	Optical Rep	peater Using	g Integrated (Circuits," Fuji	tsu	
	Uda, et al., "125Mbit/s F				plex Connect	or", Fiber Op	tic	
	Communications Develo		C Corporatio	n, NEC Eng	gineering, Ltd	. and ENGLI	SH	
	Mueller, K.H., "Combining SYSTEM TECHNICAL J	g Echo Cancella					BELL	
	• .							
			_					
			.					
EXAMINER			DATE CONSID	ERED				
* FXAMINER: Initial if refe	prence considered, whether or not citation is in conforma	nce with MPEP 609: Draw line th	much citation if not in co	oformance and not cons	sidered. Include conv of th	is form with next commun	cation to applicant	

FORM PTO 1449 MODIFIED			ATTORNEY DOCKET NO. APPLICATION NO					
U.S. PATENT AND TRADEM	ARK OFFICE			MP0088.IC3 Unassigned3				
LIST OF RE	FERENCES CITED B	Y APPLICAN	T			LICANT UTARDJA	<u>. </u>	
				FILING D		GROUP		
DATE SUBMITTED TO	O USPTO: July 12, 2005			07/12/2			signed	
U.S. PATENT D	OCUMENTS		1					
*EXAMINER INITIALS	DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING DATE	
	2002/0136321	09/2002	CHAN					
	2003/0002570	01/2003	CHAN					
:	2004/0005015	01/2004	CHAN					
	2004/0090981	05/2004	LIN, et al.					
	2004/0091071	05/2004	LIN, et al.					
	2004/0105504	06/2004	CHAN					
	2005/0025266	02/2005	CHAN					
	60/106,265	10/30/1998	CHAN					
	4,131,767	12/1978	WEINSTEI	N				
	5,323,157	06/1994	LEDZIUS,	et al.				
	6,185,263	02/2001	CHAN					
	6,259,680	07/2001	BLACKWE	LL, et al.				
	6,259,745	07/2001	CHAN					
	6,373,908	04/2002	CHAN					
	6,389,077	05/2002	CHAN	. •				
	6,4111,647	06/2002	CHAN					
	6,509,857	01/2003	NAKAO					
	6,594,304	07/2003	CHAN					
	6,690,742	02/2004	CHAN					
	6,744,831	06/2004	CHAN					
				ė.				
EXAMINER		DATE CONSIDERED						

FORM PTO 1449 MODIFIE	D		·	ATTORNEY DOC	KET NO.	APPLICATION NO.	
U.S. PATENT AND TRADE	MARK OFFICE			MP0088.		Unassigned3	
LIST OF RE	FERENCES CITED B	Y APPLICAN	Т			LICANT	
				FILING DA		UTARDJA GRO	NID
DATE SUBMITTED	FO USPTO: July 12, 2005			07/12/20			signed
U.S. PATENT I	DOCUMENTS			07712720		Onasc	ngricu
*EXAMINER INITIALS	DOCUMENT NUMBER	DATE	1	NAME	CLASS	SUBCLASS	FILING DATE
	6,775,529	08/2004	ROO				
	5,175,764	12/1992	PATEL, et a	ıl.			
	5,579,004	11/26/1996	LINZ				
	6,307,490	10/23/2001	LITFIN, et al.				
	4,503,421	03/05/1985	HAREYAMA	A, et al.			
						· · · · · · · · · · · · · · · · · · ·	
							
				<u>.</u>			
				* - * -			
							
						- .	

		- 		,			
							
				- #7-a		·	
				·			
	·						
EXAMINER			DATE CONSID	ERED			•
* EXAMINER: Initial if refe	rence considered, whether or not citation is in confo	rmance with MPEP 609; Draw lin	ne through citation if not in cor	nformance and not considered. In	nclude copy of this	form with next communica	tion to applicant.

FORM PTO 1449 MODIFIED U.S. PATENT AND TRADEMAR	SK OFFICE		ATTORNEY DOCKET NO. APPLICATION NO.				
				MP0088.IC3 Unassigned APPLICANT			
LIST OF REF	ERENCES CITED BY	APPLICAN	T	S		UTARDJA	
DATE SURMITTED TO	USPTO: July 12, 2005			FILING DATE		GROUP	
U.S. PATENT DO		- .		07/12/2009	5	Unassigned	
*EXAMINER	DOCUMENT NUMBER	DATE	T	VAME	CLASS	SUBCLASS	FILING DATE
INITIALS		 	1		00.00		TIEMODATE
	3,543,009	11/1970	VOELCHER	, JR.			
	4,112,253	09/1978	WILHELM				
	4,152,541	05/1979	YUEN				
	RE30,111	10/1979	BLOOD, JR				
	4,362,909	12/1982	SNIJDERS,	et al.			
	4,393,494	07/1983	BELFORTE	, et al.			
	4,727,566	02/1988	DAHLQVIST				
	4,888,762	12/1989	ARAI				
	4,935,919	06/1990	HIRAGUCH	ı			
	4,947,171	08/1990	PFIEFER, e	t al.			
	4,999,830	03/1991	AGAZZI				
	5,222,084	06/1993	TAKAHASH	1			
	5,305,379	04/1994	TAKEUCHI				
	5,307,405	04/1994	SIH				
	5,357,145	10/1994	SEGARAM				
	5,388,092	02/1995	KOYAMA, e	t al.			
	5,418,478	05/1995	VAN BRUN	Γ, et al.	1		
	5,517,435	05/1996	SUGIYAMA				
	5,539,773	07/1996	KNEE, et al.			-11	
	5,596,439	01/1997	DANKBERG	s, et al.			
	5,625,357	04/1997	CABLER				
	5,651,029	07/1997	YANG				
	5,659,609	08/1997	KOIZUMI, e	t al.			
	5,663,728	09/1997	ESSENWA	NGER			
	5,666,354	09/1997	CECCHI, et	al.			
	5,796,725	08/1998	MURAOKA				
	5,822,426	10/1998	RASMUS, e	t al.			
	5,825,819	10/1998	COGBURN				
EXAMINER			DATE CONSID	ERED			

FORM PTO 1449 MODIFIED U.S. PATENT AND TRADEM				ATTORNEY DOCKET NO. APPLICATION NO. MP0088.IC3 Unassigned				
				INPUU		LICANT PLICANT	signed	
LIST OF RE	FERENCES CITED BY	'APPLICANT	•			UTARDJA		
DATE SUBMITTED T	O USPTO: July 12, 2005			FILING	DATE	GR	OUP	
				07/12	/2005	Unas	signed	
U.S. PATENT D	OCUMENTS		т					
*EXAMINER INITIALS	DOCUMENT NUMBER	DATE		NAME ·	CLASS	SUBCLASS	FILING DATE	
	5,864,587	01/1999	HUNT					
	5,936,450	08/1999	UNGER					
	5,940,498	08/1999	BARDL	·		· · · · · · · · · · · · · · · · · · ·		
	6,172,634	01/2001	LEONOWIC	H, et al.				
	6,249,164	06/2001	CRANFORD	D, JR., et al.				
	2001/0050585	12/2001	CARR	1.4			1	
· · ·	6,332,004	12/2001	CHANG			- ()		
	RE37,619	04/2002	MERCER, e	t al.		 		
	6,462,688	10/2002	SUTARDJA	-				
	6,570,931	05/2003	SONG					
	2004/0208312	10/2004	OKUDA	OKUDA				
	6,687,286	02/03/2004	LEONOWICH, et al.				-	
	6,477,200	11/05/2002	AGAZZI, et	al.		·		
· · · · · ·	2004/0105504	06/03/2004	CHAN	· · · · · · · · · · · · · · · · · · ·				
FOREIGN PATE	ENT DOCUMENTS	I				1.4.	<u> </u>	
*EXAMINER INITIALS	DOCUMENT NUMBER	DATE	COUN	ITRY	CLASS	SUBCLASS	TRANSLATION OR ABSTRACT	
	WO 00/28712	5/00	PC	т .		· ·		
	WO 00/28668	5/00	PC	:Т				
OTHER DOCUM	MENTS (Including author, tit	le, date, pertine	nt pages, etc.)					
	"Gigabit Ethernet 1000B	ase-T," GIGAB	IT ETHERNE	T ALLIANCE	, copyright	1997	٠	
	THE ELECTRICAL ENG Dorf, editor, CRC Press	SINEERING HA , 1993	NDBOOK, Ch	apter 31, "D	/A and A/D	Converters,"	Richard C.	
	Sedra, et al. "Operational Edition, 1991, pp. 61-63	al Amplifiers," M						
	H4000 DIGITAL ETHER pp. 3-1 to 3-11, copyrigh	nt 1982 by Digita	al Equipment	Corporation				
	IEEE STANDARDS 802	.3ab-2002, "Par	t 3: Carrier s	ense multiple	e access wit	h collision de	tection	
EXAMINER	(CSMA/CD) access met	nog and physica	DATE CONSIDE		. 147-249		· · · · · · · · · · · · · · · · · · ·	
	nce considered, whether or not citation is in conforma	nce with MDED 600: Demu #== 4	1		and Indude	· • • • • • • • • • • • • • • • • • • •		

FOREIGN PATENT DOCUMENTS *EXAMINER INITIALS DOCUMENT NUMBER DATE COUNTRY CLASS SUBCLASS OR ABSTRACE INITIALS TWO 0545016 08/01/2003 TAIWAN Abstrace TWO 0545016 12/01/2002 TAIWAN Abstrace TWO 0497334 08/01/2002 TAIWAN Abstrace TWO 0497334 08/01/2002 TAIWAN Abstrace JP 10-126183 05/15/1998 JAPAN Abstrace JP 3-273704 12/04/1991 JAPAN Abstrace JP 4-293306 10/16/1992 JAPAN Abstrace JP 4-351109 12/04/1992 JAPAN Abstrace JP 4-351109 12/04/1992 JAPAN Abstrace JP 58-111415 07/02/1983 JAPAN Abstrace JP 58-114415 07/02/1983 JAPAN	FORM PTO 1449 MODIFIED				DOCKET NO.	APPLICATION NO.		
DATE SUBMITTED TO USPTO: July 12, 2005 TRANSLATT					MP00			signed
DATE SUBMITTED TO USPTIC: July 12, 2005 U.S. PATENT DOCUMENTS **EXAMINER INITIALS** DOCUMENT NUMBER DATE NAME CLASS SUBCLASS FILING DATE NAME FOREIGN PATENT DOCUMENTS **EXAMINER INITIALS** DOCUMENT NUMBER DATE COUNTRY CLASS SUBCLASS TRANSLATING RASSTRAT DOCUMENT NUMBER DATE COUNTRY CLASS SUBCLASS TRANSLATING RASSTRATION AND Abstract DATE TWO 0497334 08/01/2002 TAIWAN Abstract DATE TWO 0497334 08/01/2002 TAIWAN Abstract DATE JP 10-126183 05/15/1998 JAPAN Abstract JP 3-273704 12/04/1991 JAPAN Abstract JP 4-293306 10/16/1992 JAPAN Abstract JP 4-293306 10/16/1992 JAPAN Abstract JP 58-111415 07/02/1983 JAPAN Abstract JP 58-111415 07/02/1983 JAPAN Abstract JP 58-111415 07/02/1983 JAPAN Abstract JP 7-131260 05/19/1995 JAPAN ABSTRACT JP 7-131260	LIST OF RE	FERENCES CITED B	Y APPLICANT	•				·
U.S. PATENT DOCUMENTS EXAMINER INITIALS DOCUMENT NUMBER DATE NAME CLASS SUBCLASS FILING DATE FOREIGN PATENT DOCUMENTS TW 0545016 D8/01/2003 TAIWAN TW 0545068 12/01/2002 TAIWAN TW 0497334 08/01/2002 TAIWAN Abstract JP 10-126183 05/15/1998 JAPAN JP 3-273704 12/04/1991 JAPAN Abstract JP 4-293306 10/16/1992 JAPAN Abstract JP 4-293306 10/16/1992 JAPAN Abstract JP 58-111415 07/02/1983 JAPAN Abstract JP 7-131260 05/19/1995 JAPAN Abstract OTHER DOCUMENTS (Goldberg, Lee, "Gigabit Ethernet Phy' Chip Sets LAN Speed Record for CopperStory," TECH INSIGHTS, November 16, 1998.	DATE SURMITTED T	'O LISPTO: July 12 2005			FILING			OUP
TAMINER DOCUMENT NUMBER DATE NAME CLASS SUBCLASS FILING DATE NAME CLASS SUBCLASS FILING DATE CLASS SUBCLASS FILING DATE CLASS CLASS CRASSINA CRASSINA CRASSINA CLASS CLASS CRASSINA CRASSINA CLASS CLASS CLASS CRASSINA CLASS					07/12	2/2005	Unass	signed
NITIALS DOCUMENT NUMBER DATE COUNTRY CLASS SUBCLASS FILING DATE		JOCUMENTS	T	Т				
"EXAMINER INITIALS" DOCUMENT NUMBER DATE COUNTRY CLASS SUBCLASS TRANSLATI OR ABSTRA TW 0545016 08/01/2003 TAIWAN Abstract TW 0512608 12/01/2002 TAIWAN Abstract TW 0497334 08/01/2002 TAIWAN Abstract JP 10-126183 05/15/1998 JAPAN Abstract JP 3-273704 12/04/1991 JAPAN Abstract JP 4-293306 10/16/1992 JAPAN Abstract JP 4-351109 12/04/1992 JAPAN Abstract JP 58-111415 07/02/1983 JAPAN Abstract OTHER DOCUMENTS (Including author, title, date, pertinent pages, etc.) Goldberg, Lee, "Gigabit Ethernet PHY Chip Sets LAN Speed Record for CopperStory," TECH INSIGHTS, November 16, 1998.		DOCUMENT NUMBER	DATE	DATE NAME		CLASS	SUBCLASS	FILING DATE
"EXAMINER INITIALS" DOCUMENT NUMBER DATE COUNTRY CLASS SUBCLASS TRANSLATI OR ABSTRA TW 0545016 08/01/2003 TAIWAN Abstract TW 0512608 12/01/2002 TAIWAN Abstract TW 0497334 08/01/2002 TAIWAN Abstract JP 10-126183 05/15/1998 JAPAN Abstract JP 3-273704 12/04/1991 JAPAN Abstract JP 4-293306 10/16/1992 JAPAN Abstract JP 4-351109 12/04/1992 JAPAN Abstract JP 58-111415 07/02/1983 JAPAN Abstract OTHER DOCUMENTS (Including author, title, date, pertinent pages, etc.) Goldberg, Lee, "Gigabit Ethernet PHY Chip Sets LAN Speed Record for CopperStory," TECH INSIGHTS, November 16, 1998.				1				<u> </u>
"EXAMINER INITIALS" DOCUMENT NUMBER DATE COUNTRY CLASS SUBCLASS TRANSLATI OR ABSTRA TW 0545016 08/01/2003 TAIWAN Abstract TW 0512608 12/01/2002 TAIWAN Abstract TW 0497334 08/01/2002 TAIWAN Abstract JP 10-126183 05/15/1998 JAPAN Abstract JP 3-273704 12/04/1991 JAPAN Abstract JP 4-293306 10/16/1992 JAPAN Abstract JP 4-351109 12/04/1992 JAPAN Abstract JP 58-111415 07/02/1983 JAPAN Abstract OTHER DOCUMENTS (Including author, title, date, pertinent pages, etc.) Goldberg, Lee, "Gigabit Ethernet PHY Chip Sets LAN Speed Record for CopperStory," TECH INSIGHTS, November 16, 1998.								
"EXAMINER INITIALS" DOCUMENT NUMBER DATE COUNTRY CLASS SUBCLASS TRANSLATI OR ABSTRA TW 0545016 08/01/2003 TAIWAN Abstract TW 0512608 12/01/2002 TAIWAN Abstract TW 0497334 08/01/2002 TAIWAN Abstract JP 10-126183 05/15/1998 JAPAN Abstract JP 3-273704 12/04/1991 JAPAN Abstract JP 4-293306 10/16/1992 JAPAN Abstract JP 4-351109 12/04/1992 JAPAN Abstract JP 58-111415 07/02/1983 JAPAN Abstract OTHER DOCUMENTS (Including author, title, date, pertinent pages, etc.) Goldberg, Lee, "Gigabit Ethernet PHY Chip Sets LAN Speed Record for CopperStory," TECH INSIGHTS, November 16, 1998.								
"EXAMINER INITIALS" DOCUMENT NUMBER DATE COUNTRY CLASS SUBCLASS TRANSLATI OR ABSTRA TW 0545016 08/01/2003 TAIWAN Abstract TW 0512608 12/01/2002 TAIWAN Abstract TW 0497334 08/01/2002 TAIWAN Abstract JP 10-126183 05/15/1998 JAPAN Abstract JP 3-273704 12/04/1991 JAPAN Abstract JP 4-293306 10/16/1992 JAPAN Abstract JP 4-351109 12/04/1992 JAPAN Abstract JP 58-111415 07/02/1983 JAPAN Abstract OTHER DOCUMENTS (Including author, title, date, pertinent pages, etc.) Goldberg, Lee, "Gigabit Ethernet PHY Chip Sets LAN Speed Record for CopperStory," TECH INSIGHTS, November 16, 1998.	1			1		<u> </u>		
NITIALS		ENT DOCUMENTS		<u> </u>		<u> </u>		<u> </u>
TW 0512608 12/01/2002 TAIWAN Abstract TW 0497334 08/01/2002 TAIWAN Abstract JP 10-126183 05/15/1998 JAPAN Abstract JP 3-273704 12/04/1991 JAPAN Abstract JP 4-293306 10/16/1992 JAPAN Abstract JP 4-351109 12/04/1992 JAPAN Abstract JP 58-111415 07/02/1983 JAPAN Abstract JP 7-131260 05/19/1995 JAPAN Abstract OTHER DOCUMENTS (Including author, title, date, pertinent pages, etc.) Goldberg, Lee, "Gigabit Ethernet PHY Chip Sets LAN Speed Record for CopperStory," TECH INSIGHTS, November 16, 1998.		DOCUMENT NUMBER	DATE	COUN	COUNTRY		SUBCLASS	TRANSLATION OR ABSTRACT
TW 0497334 08/01/2002 TAIWAN Abstract JP 10-126183 05/15/1998 JAPAN Abstract JP 3-273704 12/04/1991 JAPAN Abstract JP 4-293306 10/16/1992 JAPAN Abstract JP 4-351109 12/04/1992 JAPAN Abstract JP 58-111415 07/02/1983 JAPAN Abstract JP 7-131260 05/19/1995 JAPAN Abstract OTHER DOCUMENTS (Including author, title, date, pertinent pages, etc.) Goldberg, Lee, "Gigabit Ethernet PHY Chip Sets LAN Speed Record for CopperStory," TECH INSIGHTS, November 16, 1998.		TW 0545016	08/01/2003	TAIW	/AN			Abstract
JP 10-126183 05/15/1998 JAPAN Abstract JP 3-273704 12/04/1991 JAPAN Abstract JP 4-293306 10/16/1992 JAPAN Abstract JP 4-351109 12/04/1992 JAPAN Abstract JP 58-111415 07/02/1983 JAPAN Abstract JP 7-131260 05/19/1995 JAPAN Abstract OTHER DOCUMENTS (Including author, title, date, pertinent pages, etc.) Goldberg, Lee, "Gigabit Ethernet PHY Chip Sets LAN Speed Record for CopperStory," TECH INSIGHTS, November 16, 1998.		TW 0512608	12/01/2002	TAIW	/AN			Abstract
JP 3-273704 12/04/1991 JAPAN Abstract JP 4-293306 10/16/1992 JAPAN Abstract JP 4-351109 12/04/1992 JAPAN Abstract JP 58-111415 07/02/1983 JAPAN Abstract JP 7-131260 05/19/1995 JAPAN Abstract OTHER DOCUMENTS (Including author, title, date, pertinent pages, etc.) Goldberg, Lee, "Gigabit Ethernet PHY Chip Sets LAN Speed Record for CopperStory," TECH INSIGHTS, November 16, 1998.		TW 0497334	08/01/2002	TAIW	/AN	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		Abstract
JP 4-293306 10/16/1992 JAPAN Abstract JP 4-351109 12/04/1992 JAPAN Abstract JP 58-111415 07/02/1983 JAPAN Abstract JP 7-131260 05/19/1995 JAPAN Abstract OTHER DOCUMENTS (Including author, title, date, pertinent pages, etc.) Goldberg, Lee, "Gigabit Ethernet PHY Chip Sets LAN Speed Record for CopperStory," TECH INSIGHTS, November 16, 1998.		JP 10-126183	05/15/1998	JAP	AN			Abstract-
JP 4-351109 12/04/1992 JAPAN Abstract JP 58-111415 07/02/1983 JAPAN Abstract JP 7-131260 05/19/1995 JAPAN Abstract OTHER DOCUMENTS (Including author, title, date, pertinent pages, etc.) Goldberg, Lee, "Gigabit Ethernet PHY Chip Sets LAN Speed Record for CopperStory," TECH INSIGHTS, November 16, 1998.		JP 3-273704	12/04/1991	JAP	AN			Abstract
JP 58-111415 07/02/1983 JAPAN Abstract JP 7-131260 05/19/1995 JAPAN Abstract OTHER DOCUMENTS (Including author, title, date, pertinent pages, etc.) Goldberg, Lee, "Gigabit Ethernet PHY Chip Sets LAN Speed Record for CopperStory," TECH INSIGHTS, November 16, 1998.		JP 4-293306	10/16/1992	JAP	AN			Abstract
JP 7-131260 05/19/1995 JAPAN Abstract OTHER DOCUMENTS (Including author, title, date, pertinent pages, etc.) Goldberg, Lee, "Gigabit Ethernet PHY Chip Sets LAN Speed Record for CopperStory," TECH INSIGHTS, November 16, 1998.		JP 4-351109	12/04/1992	JAP	AN			Abstract
OTHER DOCUMENTS (Including author, title, date, pertinent pages, etc.) Goldberg, Lee, "Gigabit Ethernet PHY Chip Sets LAN Speed Record for CopperStory," TECH INSIGHTS, November 16, 1998.		JP 58-111415	07/02/1983	JAP	AN			Abstract
Goldberg, Lee, "Gigabit Ethernet PHY Chip Sets LAN Speed Record for CopperStory," TECH INSIGHTS, November 16, 1998.					AN			Abstract
INSIGHTS, November 16, 1998.	OTHER DOCUM				Speed Reg	cord for Conv	perSton, " TE(<u>~</u>
					———	——————————————————————————————————————	——————————————————————————————————————	
						<u>,</u>		
			***			-		****
								•
							-	
			·					
				3000 St.				
		+						
EXAMINER DATE CONSIDERED	EXAMINER			DATE CONSIDE	RED			
* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	* EXAMINER; Initial if refer	rence considered, whether or not citation is in conform	nance with MPEP 609: Draw line t	through citation if not in conf	ormance and not consi	dered. Include conv of this	s form with next communic	ation to applicant

ORM PTO 1449 MODIFIED				ATTORNEY DOCKET NO. APPLICATION NO.			
J.S. PATENT AND TRADEMAR				MP0088		Unass LICANT	signed
LIST OF REF	ERENCES CITED BY	' APPLICANT				UTARDJA	
DATE SUBMITTED TO	USPTO: July 12, 2005			FILING D		GR0 28	OUP
J.S. PATENT DO	CUMENTS	·		07/12/2	2005 [17
*EXAMINER INITIALS	DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING DATE
	4,746,903	05/1988	CZARN	NAK, et al.			
	5,043,730	08/1991	OBI	NNATA			
	5,465,272	11/95	S	MITH			
	5,471,665	11/95	PAC	E, et al.		~	
	5,489,873	02/96	KAMA	NTA, et al.			
	5,508,656	04/96	JAFFA	ARD, et al.			
	5,517,141	05/96	ABE	OI, et al.			
	5,539,405	07/1996	NORS	WORTHY			
	5,572,158	11/96	LE	Ξ, et al.			
	5,585,795	12/1996	YUA	SA, et al.			
	5,587,681	12/96	FOB	BESTER			
	5,648,738	07/97	WELL	AND, et al.			
	5,663,728	09/1997	ESSEN	WANGER			
	5,757,219	05/98	WEED	OON, et al.			
	5,760,726	06/1998	KOIFN	//AN, et al.		·	
	5,798,664	08/98	NAGA	IORI, et al.			
	5,844,439	12/98	zc	RTEA			
	5,880,615	03/99	В	AZES			
	5,940,442	08/99	WOI	NG, et al.			
	6,043,766	03/00	HE	E, et al.	:		
	6,044,489	03/00	HE	E, et al.			
	6,121,831	09/00	N	MACK			
	6,140,857	10/00	В	AZES			·
	6,148,025	11/00	SHIR	ANI, et al.			
	6,163,283	12/2000	SCH	IOFIELD			
	6,188,282	02/01	MOI	NTALVO			
	6,204,788	03/2001		TANI			
.	6,236,346	05/2001	SCF	IOFIELD			
EXAMINER			DATE CONSI	DERED			

FORM PTO 1449 MODIFIED U.S. PATENT AND TRADEN				ATTORNEY DOCKET NO. APPLICATION NO.				
				MP0088.IC3 Unassigned APPLICANT				
LIST OF RE	FERENCES CITED B	Y APPLICANT				SUTARDJA		
-	***			FILING	B DATE		ROUP	
DATE SUBMITTED T	O USPTO: July 12, 2005				2/2005	Unassigned		
U.S. PATENT D	OCUMENTS			07712	32000	01145	oigned	
*EXAMINER INITIALS	DOCUMENT NUMBER	DATE	1	NAME	CLASS	SUBCLASS	FILING DATE	
	6,275,098	08/01	UEHA	RA, et al.				
	6,288,604	11/01	SHIH, et al. HUANG NAKAO					
_	6,433,608	08/02						
	6,509,857	01/2003						
	6,882,216	04/05	К	ANG			<u> </u>	
	2002/0181601	12/02	2 HUANG, et al.		1			
FOREIGN PAT	ENT DOCUMENTS	•	•					
*EXAMINER INITIALS	DOCUMENT NUMBER	DATE	COUNTRY		CLASS	SUBCLASS	TRANSLATION OR ABSTRACT	
	EP 0 800 278	08/1997	EUR	EUROPE				
	JP 57-48827	3/1982	JAPAN					
	JP 204527	8/1989	JAP	AN				
OTHER DOCU	MENTS (Including author, t	itle, date, pertinen	t pages, etc.)				1	
	Bertolaccini, Mario, et a Applications, IEEE TRA 3, September, 1985, pp	ANSACTIONS ON						
	Everitt, James, et al., "/ SOLID-STATE CIRCU	A CMOS Transce				net," IEEE JC	URNAL OF	
	Kelly, N. Patrick, et al., ISSCC 2000/SESSION Sold-State Circuits Cor	"WA 18.5 – A Mix 18/WIRELINE C	xed-Signal D OMMUNICA	FE/FFE Red	ceiver for 10	0Base-TX Ap 5, 2000 IEEE	plications," International	
	Song, Bang-Sup, et al. ISSCC 96/SESSION 12 Solid State Circuits Co	2/SERIAL DATA	COMMUNIC					
	LINEAR TECHNOLOG	Y, High Speed M	odem Solutio	ons, InfoCar	d 20, Linear	Technology (Corporation.	
	LINEAR TECHNOLOG Technology Corporatio		6, Dual and	Quad 12MH	Iz, 400V/us	Op Amps, Lin	ear	
	LINEAR TECHNOLOG Technology Corporatio	Y, LT1358/LT135 n, pp. 1-12.						
		Y. LT1361/LT136	62, Dual and	Quad 50MH	lz, 800V/us (Op Amps, Lin	ear	
	LINEAR TECHNOLOG Technology Corporatio	n, pp. 1-12.	S5 Dual and	Ouad 70M/L	la 1000\//	On Amna 1	noor	
	Technology Corporatio LINEAR TECHNOLOG Technology Corporatio	n, pp. 1-12. Y, LT1364/LT136 n, pp. 1-12.	·					
EXAMINER	Technology Corporatio LINEAR TECHNOLOG	n, pp. 1-12. Y, LT1364/LT136 n, pp. 1-12. Y, LT1813/LT181	I4, Dual/Qua	d 3mA, 100l				

FORM PTO 1449 MODII					ATTORNEY DOCKET NO. APPLICATION NO.				
U.S. PATENT AND TRA	DEMARI	(OFFICE			MP00	88.IC3	Unas	signed	
I IST OF R	FFI	ERENCES CITED BY	ADDI ICANI	Г		APF	PLICANT		
			AI I LICAN	•			UTARDJA		
DATE SUBMITTE	этог	JSPTO: July 12, 2005				G DATE	GROUP		
					07/12	2/2005	Unas	signed	
FOREIGN PA	TEN	IT DOCUMENTS							
*EXAMINER INITIALS		DOCUMENT NUMBER	DATE	COUN	TRY	CLASS	SUBCLASS	TRANSLATION OR ABSTRACT	
	<u> </u>								
				-					
:	-								
				<u></u>					
					•				
OTHER DOC	UME	NTS (Including author, titl	e, date, pertine	ent pages, etc.)			-		
		Stephens, "Active Outpu	t Impedance fo	or ASDL Line [Drivers", No	vember, 200	2.		
		Hellwarth, et al., "Digital-	to-analog Con	verter having (Common-m	ode Isolation	and Differen	tial Output".	
		Millman, et al., "Pulse, D	igital, and Swit	tching Wavefo	rms", pgs. 6	674-675.			
		Dally, et al., "Digital Syst	ems Engineeri	ing", cover and	l pgs. 390-3	91.			
								·	
1			1						
									
EXAMINER				DATE CONSIDE	RED				
* EXAMINER: Initial if r	eference	considered, whether or not citation is in conforman	ce with MPEP 609; Draw line	through citation if not in conf	formance and not cons	idered. Include copy of this	s form with next communic	ation to applicant.	

FORM PTO 1449 MODIFI			ATTORNEY DOCKET NO. APPLICATION NO			ATION NO.				
U.S. PATENT AND TRAD	EMARK OFFICE			MP00	88.IC3		signed			
LIST OF R	EFERENCES CITED BY	APPLICANT	•		***	PLICANT				
				FU IM		UTARDJA	OUD			
DATE SUBMITTED	TO USPTO: July 12, 2005			· · · · · · · · · · · · · · · · · · ·	2/2005		ROUP			
EUBEIGN DA	TENT DOCUMENTS		_	07/12	2/2003	Ullas	signed			
*EXAMINER			T -				TRANSLATION			
INITIALS	DOCUMENT NUMBER	DATE	COUN	itry —————	CLASS	SUBCLASS	OR ABSTRACT			
		, <u></u>								
			 							
			<u> </u>							
OTHER DOCL	JMENTS (Including author, tit	le, date, pertinei	nt pages, etc.)							
	Hamasaki, et al., "A 3-V December, 1996, pgs. 1	, 22-mV Multibit 888-1894.	Current-Mod	e ΣΔ DAC v	vith 100 dB [Dynamic Ran	ge",			
	Van de Plassche, "Integ 271.		-Digital and D	igital-to-Ana	alog Convert	ers – Chapte	r 6, pgs. 211-			
	Lee, et al., " A CMOS Se	erial Link for Ful	lly Duplexed [Data Comm	unication", A	pril, 1995.				
_	Song, et al., "FP 12.1: N	NRZ Timing Red	covery Techni	que for Ban	d-Limited Ch	nannels, 1996	5.			
	Song, et al., "FP 12.1: N Supplement), 1996.	NRZ Timing Red	covery Techni	que for Ban	d-Limited Ch	nannels (Slide	9			
	Chien, et al., "TP 12.4: for PCS Applications".	A 900-MHz Loc	al Oscillator u	sing a DLL-	based Frequ	iency Multipli	er Technique			
	Chien, "Monolithic CMO	S Frequency Sy	nthesizer for	Cellular Ap	plications", M	1arch 12-13.				
	Chien, "Delay Based Mo 20, 1998.						_			
	Chien, "Low-Noise Loca Wireless Applications", 2		ign Technique	es using DL	L-based Fred	quency Multip	olier for			
	Wang, et al., "A 1.2 GHz December, 2004.	Programmable	DLL-Based I	Frequency I	Multiplier for	Wireless App	lications",			
	Tsutomu Kamoto, "An 8	Tsutomu Kamoto, "An 8-bit 2-ns Monolithic DAC", February, 1988.								
	Nack, et al., "A Constant	t Slew Rate Eth	ernet Line Dri	ver", May, 2	2001.	1				
	Song, "Dual Mode Trans Range Data Rates", 200		ptively Contro	olled Slew R	ate and Imp	edance Supp	orting Wide			
EXAMINER	[. tal.go Data (tatos , 200		DATE CONSIDI	ERED			· ·			
* EXAMINER: Initial if ref	erence considered, whether or not citation is in conforma-	nce with MPEP 609; Draw line (through citation if not in cont	formance and not consi	dered. Include copy of thi	s form with next communic	cation to applicant.			

FORM PTO 1449 MODIFIED	RM PTO 1449 MODIFIED PATENT AND TRADEMARK OFFICE				OCKET NO.	APPLICATION NO.		
U.S. PATENT AND TRADEM	ARK OFFICE			MP0088.IC3 Unassigned APPLICANT				
LIST OF RE	FERENCES CITED B	Y APPLICAN	T			LICANT UTARDJA		
DATE SUBMITTED TO	O USPTO: July 12, 2005		***************************************	FILING I		GRO	OUP	
				07/12/	2005	Unass	signed	
U.S. PATENT D	OCUMENTS	<u> </u>				· · ·	 	
*EXAMINER INITIALS	DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING DATE	
	6,177,896 B1	01/23/2001	Min		_			
	5,841,386	11/24/1998	Leduc					
	5,834,860	11/10/1998	Parsons, et	al.				
	5,838,186	11/17/1998	Inoue, et al.	•				
	5,243,347	09/07/1993	Jackson, et	al.				
	5,283,582	02/01/1994	Krenik					
	5,589,788	12/31/1996	Goto					
	5,629,652	05/13/1997	Weiss					
	5,703,541	12/30/1997	Nakashima				-	
	5,719,515	02/17/1998	Danger					
	5,726,583	03/10/1998	Kaplinsky					
	6,046,607	04/04/2000	Kohdaka					
	6,087,968	07/11/2000	Roza					
	5,521,540	05/28/1996	Marbot					
	4,309,673	01/05/1982	Norberg, et	al.				
	6,150,856	11/21/2000	Morzano					
	6,236,345 B1	05/22/2001	Dagnachew	, et al.				
				-				
	,					77		
EXAMINER			DATE CONSID	ERED			<u> </u>	

^{*} EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO 1449 MODIFIED			ATTORNEY DOCKET NO. APPLICATION NO.						
U.S. PATENT AND TRADEM	MARK OFFICE			MP0088.IC3 Unassigned					
LIST OF RE	FERENCES CITED BY	APPLICANT	}	7		PLICANT SUTARDJA			
				FILING	S DATE	GROUP			
DATE SUBMITTED T	O USPTO: July 12, 2005			07/12/2005 Unassign					
FOREIGN PAT	ENT DOCUMENTS								
*EXAMINER INITIALS	DOCUMENT NUMBER	DATE	COUN	TRY	CLASS	SUBCLASS	TRANSLATION OR ABSTRACT		
	63-300700	12/07/1988	. Japa	an					
	06-97831	an							
	06-97831	04/20/2005	Japa	an	0		Yes		
	05-064231 A	03/12/1993	Japa	an					
	06-029853	02/04/1994	Japa	an	\ !				
	09-55770	08/17/1995	Japa	an	(
	09-55770	08/17/1995	Japa	an			Yes		
	09-270707	03/03/1996	Japa	an					
	09-270707	04/19/2005	Japa	an			Yes		
	2001-177409	12/16/1999	Japa	an					
	2001-177409	04/20/2005	Japa	an			Yes		
OTHER DOCU	MENTS (Including author, ti	tle, date, pertinen	t pages, etc.)				•		
	Johns, et al., "Integrated pgs. 398-406.	d Circuits for Dat	a Transmissio	on Over Tw	isted Pair Ch	nannels", Mar	ch, 1997,		
	"IEEE Standard 802.3: Access Method and Physics	ysical Detection".	, March 8, 200	02, pgs. 1-3	378.	·	,		
	Young, et al., "A Low-No						e-Dimensiona		
	Young, et al., "A Micron	nachined Variable	e Capacitor fo	r Monolithi	c Low-Noise	VCOS", 199	6, pgs. 86-89		
	Abidi, et al., "FA 7.2: TI 440.	ne Future of CM0	OS Wireless T	ransceiver	s", February	7, 1997, pgs	. 118-119,		
	Eto, et al., "A 333 MHz, Parallel Variables Resis						y with		
	Harald, et al., "Design o	f a 10-bit 100 M	Samples/s BiO	CMOS D/A	Converter",	1996, pgs. 73	30-733.		
·	Lee, et al., "A 3V 10b 10 APPLICATIONS", Augu			CONVER	TER FOR C	ABLE MODE	M		
	Henriques, et al., "A CN 155.			ng Digital-t	o-Analog Co	nverter", 199	5, pgs. 145-		
	Wikner, et al., "Modeling pgs. 489-499.	g of CMOS Digita	al-to-Analog C	onverters f	or Telecomn	nunication", N	Лау, 1999,		
	Van der Plas, et al., "A 1708-1718.	14-Bit Intrinsic A	ccuracy Q ² Ra	andom Wal	k CMOS DA	C", Decembe	er, 1999, pgs.		
	Radke, et al., "A 14-Bit August, 2000, pgs. 107		DAC Based	Upon Rota	ted Data We	eighted Avera	nging",		
	Shui, et al., "Mismatch \$ 338.		rrent-Mode M	ultibit Delta	-Sigma DAC	", March, 19	99, pgs. 331-		
EXAMINER	•	***************************************	DATE CONSIDE						

FORM PTO 1449 MODIFIED	M PTO 1449 MODIFIED PATENT AND TRADEMARK OFFICE				ATTORNEY DOCKET NO.		APPLICATION NO.	
				MP0088.IC3 Unassigned APPLICANT				
LIST OF RE	FERENCES CITED B	Y APPLICAN	T	Sehat SUTARD.				
DATE SURMITTED T	O USPTO: July 12, 2005	· · · · · · · · · · · · · · · · · · ·		FILING DATE		GROUP		
•		****		07/12/20	05	Unass	signed	
U.S. PATENT [DOCUMENTS	T	1	***	l I		1	
*EXAMINER INITIALS	DOCUMENT NUMBER	DATE	ı	NAME	CLASS	SUBCLASS	FILING DATE	
	6,259,957 B1	07/10/2001	Alexander, e	et al.				
	6,452,428 B1	09/17/2002	Mooney, et	al.				
	5,745,564	04/28/1998	Meek					
	5,399,996	03/21/1995	Yates, et al.					
	5,887,059	03/23/1999	Xie, et al.					
	5,185,538	02/09/1993	Kondoh, et a	al.				
	5,204,880 (A)	04/20/1993	Wurster, et	al.			-	
	5,272,453	12/21/1993	Traynor, et a	al.				
	5,325,400	06/28/1994	Co, et al.					
	5,440,514	08/08/1995	Flannagan,	et al.		··· • ···		
	5,440,515	08/08/1995	Chang, et al	•				
	5,479,124	12/26/1995	Pun, et al.					
,	5,559,476	09/24/1996	Zhang, et al	•				
	5,568,064	10/22/1996	Beers, et al.					
	5,600,321	02/04/1997	Winen					
	5,687,330	11/11/1997	Gist, et al.					
	5,757,298 (A)	05/26/1998	Manley, et a	l.		. M.···		
	5,798,661	08/25/1998	Runaldue, e	t al.				
	5,838,177 (A)	11/17/1998	Keeth				, i	
	5,999,044	12/07/1999	Wohlfarth, e	t al.				
	6,052,076	04/18/2000	Patton, III, e	t al.		****		
	6,057,716	05/02/2000	Dinteman, e	t al.				
	6,166,572	12/26/2000	Yamoaka			······································		
	6,721,379 B1	04/13/2004	Cranford, Jr	., et al.		-		
	5,859,552	01/12/1999	Do, et al.			- "		
EXAMINER	*****		DATE CONSID	ERED	<u>لــــــــــــــــــــــــــــــــــــ</u>		-4	

FORM PTO 1449 MODIFIED U.S. PATENT AND TRADEMARK OFFICE				ATTORNEY DOCKET NO. APPLICATION N			
U.S. PATENT AND TRADI	EMARK OFFICE			MP00	88.IC3		signed
LIST OF RI	EFERENCES CITED BY	APPLICANT		<u>.</u>		PLICANT	
				EU IAI	Senat S DATE	UTARDJA	0115
DATE SUBMITTED	TO USPTO: July 12, 2005				2/2005		OUP
EUBEIGN DV.	TENT DOCUMENTS			07/12	12005	Unas	signed
*EXAMINER					1		TRANSLATION
INITIALS	DOCUMENT NUMBER	DATE	COUN	TRY	CLASS	SUBCLASS	TRANSLATION OR ABSTRACT
	****			-			
OTUER POCI	IMPAITO (In alcoding a cotto a sta	lla data madinan	<u> </u>				
OTHER DOCK	JMENTS (Including author, tit	ile, date, pertinen	t pages, etc.)	(0:	1 0:11		
	Weaver, Jr., "A Third Me 1956, pp. 1703-1705.						
·	Niknejad et al., "Analysis pp. 375-378.						F ICs," 1997,
	Weigandt et al., "Analys	is of Timing Jitte	rs in CMOS F	Ring Oscilla	tors," pp. 27-	-30.	
	Niknejad et al., "Analysis, Design, and Optimization of Spiral Inductors ar IC's," October 1998, pp. 1470-1481.						or Si RF
	Gray et al., Analysis and						
	American National Stan Medium Dependent (TP				DDI) – Toke	n Ring Twiste	d Pair Layer
	Nguyen et al., "Si IC-Co				s," August 19	990, pp. 1028	3-1031.
	Gardner, "Charge-Pump	Phase-Lock Loc	ops," Noveml	ber 1980, pj	o. 1849-1858	3.	
	Dally et al., "High Perfor	mance Electrical	l Signaling."	•			, ,
	Davies, "Digital Generat	ion of Low-Frequ	uency Sine W	aves," June	1969, pp. 9	7-105.	
	Abidi, "TP 11.1: Direct-C	Conversion Radio	o Transceiver	s for Digital	Communica	itions," 1995.	
	Dolle, "A Dynamic Line-	Termination Circ	uit for Multire	ceiver Nets	," December	1993, pp. 13	70-1373.
	Su et al., "Experimental Integrated Circuits," Apr			ques for Su	bstrate Nois	e in Mixed-Si	gnal
	Gray et al., "Future Dire	ctions in Silicon I	ICs for RF Pe	ersonal Com	munications	," 1995, pp. 8	33-90.
.=.	Gabara, "On-Chip Term	inating Registers	for High Spe	ed ECL-CN	IOS Interfac	es," 1992, pp	. 292-295.
	Horowitz et al., "High-Sp	peed Electrical S	ignaling: Ove	rview and L	imitations,"	1998, pp. 12-	24.
			•			•	
EXAMINER			DATE CONSIDE	RED			
* EXAMINER: Initial if refi	erence considered, whether or not citation is in conforma	nce with MPEP 609; Draw line the	rough citation if not in confi	ormance and not consid	lered. Include copy of this	s form with next communic	ation to applicant.

	RM PTO 1449 MODIFIED S. PATENT AND TRADEMARK OFFICE				ATTORNEY DOCKET NO.		APPLICATION NO.	
U.S. PATENT AND TRA	JEMARI	NOTFICE -			MP00	88.IC3		signed
LIST OF R	EF	ERENCES CITED BY	APPLICANT				PLICANT	
			 		EII IN/	Senat S S DATE	SUTARDJA GROUP	
DATE SUBMITTED	τοι	JSPTO: July 12, 2005			07/12/2005			signed
FOREIGN PA	TEN	IT DOCUMENTS			01712	72000	Onas	signed
*EXAMINER INITIALS		DOCUMENT NUMBER	DATE	COUN	NTRY CLASS		SUBCLASS	TRANSLATION OR ABSTRACT
							-	
OTHER DOC	UME	NTS (Including author, tit	le, date, pertinen	t pages, etc.)				
		Kim et al., "A 30-MHz H 1394.			•			•
		Liu et al., "WP 23.7: A 6 484.						
		Wang et al., "WP 23.8: A						
		Rofougaran et al., "SP 2					•	
		Koullias et al., "TP 9.2: A Terminals," 1993, pp. 14	A 900 MHz Trans 10-141, 278.	sceiver Chip	Set for Dual	-Mode Cellu	lar Radio Mo	bile
		Dauphinee et al., "SP 23 Resonator," 1997, pp. 39		1.5 GHz Volta	age Control	led Oscillato	r with an Inte	grated LC
***		Banu et al., "A BiCMOS		Receiver for (GSM," 1997	, pp. 521-52	4.	
		Chang et al., "A CMOS 63.						
		Waizman, "FA 18.5: A D 1994, pp. 298-299.			_			•
		Kinget, "FP 14.7: A Fully February 5, 1998.						ions,"
		Lee et al., "A Fully Integ Communication Applica	rated Low-Noise tion," May 1997,	1-GHz Frequ pp. 760-765.	uency Synth	nesizer Desig	gn for Mobile	
		Parker et al., "A Low-No	ise 1.6-GHz CM	OS PLL with	On-Chip Lo	op Filter," 19	997, pp. 407,	409-410.
		Park et al., "A Low-Noise						
		Soyuer et al., "A Monolit Technology," December	1993, pp. 1310-	1313.		-		•
		Hu et al., "A Monolithic 4 December 1993, pp. 13		AGC/Decisi	on/Clock-Re	ecovery Circ	uit in 1.2- <i>μ</i> m	CMOS,"
		Parameswaran et al., "A 6, 1998, pp. 289-307.	New Approach	for the Fabric	ation of Mic	cromechanic	al Structures,	" December
		Cho et al., "TP 13.5: A S Spectrum Digital Cordle				nsceiver for	900 MHz Spr	ead-
				-, <u>F</u> p	,	· · · · · · · · · · · · · · · · · · ·		
EXAMINER				DATE CONSIDE	RED			
* EXAMINER: Initial if re	eference	considered, whether or not citation is in conforma-	nce with MPEP 609; Draw line thr	ough citation if not in conf	ormance and not consid	dered. Include copy of this	s form with next communic	ation to applicant.

FORM PTO 1449 MODIFIED U.S. PATENT AND TRADEMARK OFFICE				ATTORNEY DOCKET NO. APPLICAT			
U.S. PATENT AND TRADEN	MARK OFFICE			MP00	88.IC3		signed
LIST OF RE	FERENCES CITED BY	APPLICANT				PLICANT	
				=		SUTARDJA	
DATE SUBMITTED T	O USPTO: July 12, 2005				DATE		OUP
FOREIGN BAT	ENT DOCUMENTO	 		07/12	2/2005	Unas	signed
	ENT DOCUMENTS	1	Γ	_			T
*EXAMINER INITIALS	DOCUMENT NUMBER	DATE	COUN	TRY	CLASS	SUBCLASS	TRANSLATION OR ABSTRACT
							<u> </u>
OTHER DOCU	 MENTS (Including author, ti	tla data nartinan	t nogge etc.)		<u> </u>		
OTHER DOCU	Sedra et al., Microelectr			991, pp. 86-	92.		
	Moon et al., "An All Ana	log Multiphase D	elay Locked	Loop Using	a Replica D	elay Line for	Wide Range
	Operation and Low-Jitte I.E.E.E. Standard 802.3					Detection (C	SMA/CD)
	Access Method and Phy	ysical Detection,'	March 8, 20	02, pp. 1-37	8.	<u> </u>	
	Shoval et al., "WA 18.7 Performance/Power Fea			Twisted-Pa	ir Line Drive	er with Progra	mmable
	Myson Technology, "M7 Waveform Shaper," 199		t Encoder/De	coder and 1	0BaseT Tra	insceiver with	Built-in
	Myson Technology, "MT		ry) 100Base	TX PCS/PM	A," 1997, pp	. 1-21.	
	Craninckx et al., "A 1.8- 1997, pp. 736-744.	GHz Low-Phase	-Noise CMOS	S VCO Usin	g Optimized	Hollow Spira	I Inductors,"
	Craninckx et al., "A 1.8-1995, pp. 1474-1482.				•	•	
	Hung et al., "A 1.24-GH 1999, pp. 111-113.	z Monolithic CM	OS VCO with	Phase Nois	se of 137 dB	c/Hz at a 3-M	IHz Offset,"
	Rudell et al., "A 1.9-GH: Applications," 1997, pp.		Double Conv	ersion CMO	S Receiver f	for Cordless 1	Telephone
	Lin et al., "TP 12.5: A 1. PLL Architecture," 2000			CMOS Free	quency Synt	hesizer using	a Wideband
	Razavi, "SP 23.6: A 1.8	GHz CMOS Vol	tage-Controll	ed Oscillato	r," 1997, pp.	388-389.	
	Dec et al., "MP 4.8: A 1. 449.	.9 GHz Micromad	chine-Based	Low-Phase-	Noise CMO	S VCO," 1999	9, pp. 80-81,
	Sato et al., "SP 21.2: A 1996.	1.9 GHz Single-0	Chip IF Trans	ceiver for D	igital Cordle	ss Phones," F	ebruary 10,
	Rudell et al., "SA 18.3: A Cordless Telephone Ap				ion CMOS Ir	ntegrated Red	ceiver for
	Lee et al., "A 2.5 V CMC 1491-1496.				0 Megabytes	s/s DRAM," 1	994, pp.
	Leong et al., "A 2.7-V 90 Communication," 1999,		Dual-Band T	ransceiver	IC for Digital	Wireless	
	age-Contro	lled Oscillato	or," 1999, pp.	402-403,			
	Marshall et al., "TA 8.7:	A 2.7V GSM Tra	ansceiver ICs	with On-Ch	ip Filtering,"	1995.	
							300.4
EXAMINER			DATE CONSIDI	ERED			
* EXAMINER: Initial if refer	rence considered, whether or not citation is in conforma	ence with MPFP 609: Draw line th	much citation if not in con	formance and not consid	tered. Include conv. of thi	s form with next communic	ation to applicant

FORM PTO 1449 MODIFIE	ED CENTER OFFICE			ATTORNEY DOCKET NO. APPLICATI			···	
.s. PATENT AND TRADE	MARK OFFICE			MP0	088.IC3		signed	
LIST OF RI	FERENCES CITED BY	APPLICANT		•		UTARDJA		
				FILI	NG DATE	GROUP		
DATE SUBMITTED	TO USPTO: July 12, 2005			07/12/2005 Unassigned				
FOREIGN PA	TENT DOCUMENTS							
*EXAMINER INITIALS	DOCUMENT NUMBER	DATE	COUN	ITRY	CLASS	SUBCLASS	TRANSLATION OR ABSTRACT	
	62-159925	7/15/87	JI	·				
	6-276182	9/30/94	JI	<u> </u>				
OTHER DOCL	IMENTS (Including author, ti							
	Sedra et al., Microelectr	onic Circuits, 3rd	l ed., 1991					
	Yee et al., An Integratat	ole 1-2.5 Gbps Lo	ow Jitter CM	OS Transo	eiver with Buil	It in Self Test	Capability,	
	Intersil, HC-5509B ITU	CO/Loop Carrier	SLIC, 8/200	3				
	Regan, ADSL Line Drive	er/Receiver Desi	gn Guide, Pa	rt 1, 2/200	0			
	Phillps, The HC-5502X1	4X Telephone S	ubscriber Lir	e Interfac	e Circuits (SLI	C), 1/1997		
	Fuad Et al., An Operation	onal Amplifier Circ	culator Base	d on the W	eighted Sumr	mer, 6/1975		
	Narayanan et al., Doppl	er Estimation Us	ing a Cohere	ent Ultrawio	de-Band Rand	lom Noise Ra	adar, 6/2000	
	Stephens, Active Outpu	t Impedance for	ADLS Line D	rivers, 11/	2002			
	High Speed Modem Sol	utions Info Card	20	.				
	Hellums et al., An ADSI	Integrated Activ	e Hybrid Cir	cuit				
	Everitt et al., A CMOS T							
	Azadet et al., A Gigabit 2/2000	Transceiver Chip	Set for UTF	CA-6 Cal	oles in Digital	CMOS Techr	nology,	
	He et al., A DSP Receiv	er for 1000 Base	-T PHY, 200	1				
	Baird et al., A Mixed Sa	mple 120M s PR	ML Solution	for DVD S	ystems, 1999			
	Baker, An Adaptive Cab	le Equalizer for S	Serial Digital	Rates to 4	00Mb/s, 1996			
	Chan et al., A 100 Mb/s	CMOS 100Base	-T4 Fast Eth	ernet Trar	sceiver for Ca	ategory 3, 4 8	5 UTP, 199	
	Everitt et al., A 10/100M 1998	lb/s CMOS Ether	net Transce	ver for 10l	BaseT, 10Bas	eTX and 100	Base FX,	
	Kelly et al., A Mixed Sig	nal DFE/Ffe Rec	eiver for 100	BaseTX A	pplications, 20	000		
	Shoaei et al., A 3V Low	Power 0.25um C	MOS 100M	o/s Receiv	er for Fast Eth	ernet, 2000		
	Walker et al., A Two Ch	ip 1.5 GBd Seria	l Link Interfa	ce, 12/199	2			
	Linear Technology High	Speed Modem S	Solutions Info	Card				
EXAMINER			DATE CONSID	RED				

EXAMINENT. Initial it reterence considered, whether or not crasion is in conformance with MPEP bus; Draw line through crasion if not in conformance and not considered, include copy of this form with next communication to applicant.

FORM PTO 1449 MODIFIED		ATTORNEY DOCKET NO. APPLICATION NO				
U.S. PATENT AND TRADEMARK OFFICE		MP0088.IC3	Unassigned			
LIST OF REFERENCES CITED BY APPLICANT	•		PLICANT			
THE THE TOTAL OF THE PROPERTY			UTARDJA			
DATE SUBMITTED TO USPTO: July 12, 2005		FILING DATE	GROUP			
·		07/12/2005	Unassigned			
OTHER DOCUMENTS (Including author, title, date, pertiner						
Mueller, Combining Echo Cancellation a		·				
Roo et al., A CMOS Transceiver Analog	Front-end for	r Gigabit Ethernet over C	Cat-5 Cables, 2001			
Shoval, A Combined 10/125 Mbaud Twi Features, 2000						
Knight, Jr. et al., A Self-Terminating Lov		·	•			
Maneatis, Low-Jitter Process-Independent						
Chang et al., Large Suspended Inductor 5/1993, 246-248						
Gharpurey et al., Modeling and Analysis	of Substrate	Coupling in Integrated C	cicuits, 3/1996, 344-353			
Young et al., Monolithic High-Performan Communications, 1997						
Efendovich et al., Multifrequency Zero-J	litter Delay-Lo	cked Loop, 1/1994, 67-7	′0			
Munshi et al., Adaptive Impedance Mato	ching, 69-72					
Niknejad et al., Numerically Stable Gree Integrated Circuits, 4/1998, 305-315	en Function fo	r Modeling and Analysis	fo Substrate Coupling in			
Hajimiri et al., Phase Noise in Multi-Giga	ahertz CMOS	Ring Oscillators, 1998,	49-52			
Kim et al., PLL/DLL System Noise Analy	ysis for Low Ji	itter Clock Synthesizer D	esign, 31-34			
Rudell et al., Recent Developments in H Communication Systems, 1998, 149-15		n Multi-Standard CMOS	Transceivers for Personal			
Shoval et al., A 100 Mb/s BiCMOS Adap	otive Pulse-Sh	naping Filter, 12/1995, 10	692-1702			
Jansen et al., SP 23.8: Silicon Bipolar V Tuning Circuits, 2/8/1997, 392-393 & 49	CO Family fo 2	r 1.1 to 2.2 GHz with Ful	ly-Integrated Tank and			
EXAMINER	DATE CONSIDE	RED				
* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line to	ormance and not considered. Include copy of this	form with next communication to applicant.				

FORM PTO 1449 MODIFIED	RM PTO 1449 MODIFIED 5. PATENT AND TRADEMARK OFFICE				ATTORNEY DOCKET NO.		APPLICATION NO.	
				MP0088.IC3 Unassigned APPLICANT				
LIST OF RE	FERENCES CITED B	Y APPLICAN	T		UTARDJA			
DATE SURMITTED T	O USPTO: July 12, 2005	<u>-</u>		FILING D	ATE	GROUP		
			· · · · · ·	07/12/2	005	Unass	signed	
U.S. PATENT D	JOCUMENTS	1					T	
*EXAMINER INITIALS	DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING DATE	
	3,973,089	8/3/1976	Puckett					
	4,131,767	12/26/78	Weinstein					
	4,321,753	3/30/82	Fusari					
	4,535,206	8/13/85	Falconer					
	4,621,356	11/04/1986	Scipione			•		
	4,715,064	11/22/87	Claessen					
	4,727,566	2/23/88	Dahlqvist					
	4,817,081	3/28/89	Wouda et a	1.				
	4,878,244	10/31/89	Gawargy, M	1.			1	
	4,888,762	12/19/89	Arai					
	4,894,820	1/16/90	Miyamoto					
	4,970,715	11/13/90	McMahan					
	4,993,045	2/12/91	Alfonso	···				
	5,018,134	5/21/91	Kokubo et a	al.				
	5,119,365	6/2/92	Warner et a	ıl.				
	5,148,427	9/15/92	Buttle et al.			·		
	5,243,346	9/7/93	Inami					
	5,245,654	9/14/93	Wilkison et	al.				
	5,248,956	9/28/93	Himes					
	5,253,249	11/12/93	Fitzgerald e	t al.				
	5,280,526	1/18/94	Laturell					
	5,282,157	1/25/94	Murphy et a	ıl.				
	5,365,935	11/22/94	Righter et a	l.				
	5,367,540	11/22/94	Kakushi et a	al.		***		
	5,465,272	11/7/95	Smith	·		"		
EXAMINER			DATE CONSID	ERED		, , , , , , , , , , , , , , , , , , , ,	*	

IRM PTO 1449 MODIFIED S. PATENT AND TRADEMARK OFFICE				ATTORNEY DOCKET NO.		APPLICATION NO.	
J.S. PATENT AND TRADEN	MARK OFFICE			MP0088		Unassigned	
IST OF RE	FERENCES CITED B	Y APPLICAN	IT.		APPLICANT Sehat SUTARDJA		
ATE CUDAITTED T	O HODTO: July 42, 2005			FILING D		GRO	OUP
·	O USPTO: July 12, 2005			07/12/2	2005	Unass	signed
J.S. PATENT D	DOCUMENTS	-	<u>.</u>				, T
*EXAMINER INITIALS	DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING DATE
	5,507,036	4/9/96	Vagher				
	5,557,027	11/19/96	Cheng				
	5,613,233	3/18/97	Vagher				
	5,812,597	9/22/98	Graham et	al.			
	5,841,809	11/24/98	Koizumi et a	al.			
	5,887,059	3/23/99	Xie et al.				
	5,894,496	4/13/99	Jones				
	5,930,686	7/27/99	Devline et a	ıl.			
	6,005,370	12/21/99	Gustavson				
	6,038,266	3/14/00	Lee et al.				
	6,192,226	2/20/01	Fang				
	6,266,367	7/24/01	Strait				
	6,259,680	7/10/01	Blackwell et	al.			
	6,259,957	7/10/01	Alexander e	et al.			
	6,377,683	4/23/02	Dobson et a	al.			
	6,389,077	5/14/02	Chan	; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ;			
	6,408,032	6/18/02	Lye et al.				
	6,163,579	12/19/00	Harrington (et al.			
	6,259,680	7/10/01	Blackwell et	t al.			
	6,731,748	5/4/04	Edgar et al.				
	6,744,831	6/1/04	Chan				
	6,751,202	6/15/04	Henrie				
	2002-0009057	6/24/02	Blackwell e	t ál.			
	2003-0174660	9/18/03	Blon et al.				
	5,651,029	7/22/97	Yang et al.				
EXAMINER	······································		DATE CONSID	ERED			A

FORM PTO 1449 MODIFIED		ATTORNEY DOO		APPLICATION NO.				
				MP0088.IC3 Unassigned APPLICANT				
LIST OF RE	FERENCES CITED B	Y APPLICAN	NT			t SUTARDJA		
DATE SUBMITTED T	O USPTO: July 12, 2005			FILING DA		GROUP		
	-			07/12/20	005	Unass	signed	
U.S. PATENT [DOCUMENTS				1		T	
*EXAMINER INITIALS	DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING DATE	
	6,173,019	1/9/01	Hee et al.					
	6,223,061	4/24/01	Dacus et al.					
	6,236,645	5/22/01	Agazzi					
	6,259,957	7/10/01	Alexander e	t al.				
	6,298,046	10/2/01	Thiele	¥ *** ·				
	6,421,534	7/16/02	Cook et al.					
	6,823,028	11/23/04	Phanse					
	6,043,766	3/28/00	Hee et al.					
	6,044,489	3/29/00	Hee et al.					
,	5,269,313	12/14/93	DiPinto			110	,	
	5,880,615	3/9/99	Bazes					
	6,140,857	10/31/00	Bazes	11-1		· · · · · · · · · · · · · · · · · · ·		
	6,148,025	11/14/00	Shirani et al		1			
	6,211,716	4/3/01	Nguyen et a	l.				
	6,385,238	5/7/02	Nguyen et a	l.				
	6,408,032	6/18/02	Lye et al.					
	6,415,003	7/2/02	Raghaven					
	4,621,172	11/04/86	Kanemasa	et al.		•		
	6,370,190	4/9/02	Young et al.					
	6,201,831	3/13/01	Agazzi et al					
	6,377,640	4/23/02	Trans	· ·				
	5,579,004	11/26/96	Linz					
	5,577,027	11/19/96	Cheng					
	5,365,935	11/22/94	Righter et a	•			-	
	6,049,706	4/11/00	Cook et al.					
,	6,731,748	5/4/04	Edgar, III et	al.				
EXAMINER		•	DATE CONSID	ERED			<u> </u>	

	RM PTO 1449 MODIFIED 5. PATENT AND TRADEMARK OFFICE					DOCKET NO.	APPLICATION NO.	
U.S. PATENT AND TRAI	DEMARK	COFFICE			MP00	88.IC3		signed
LIST OF R	FFI	ERENCES CITED BY	ΔΡΡΙ ΙΟΔΝΊ	r			PLICANT	
2,01 01 10				·			SUTARDJA	
DATE SUBMITTE	οτοι	JSPTO: July 12, 2005	•			G DATE		OUP
					07/12	2/2005	Unas	signed
FOREIGN PA	TEN	IT DOCUMENTS						
*EXAMINER INITIALS		DOCUMENT NUMBER	DATE	COUN	ITRY	CLASS	SUBCLASS	TRANSLATION OR ABSTRACT
			· · · · · · · · · · · · · · · · · · ·					
•				- , , ,,				
		···		· ·	***			
								-
					-			
			 -					
		-						
			***		***			
							<u> </u>	
OTHER DOC	UME	NTS (Including author, titl	e, date, pertine	nt pages, etc.)	•			<u> </u>
_		Falconer; "Echo Cancella 08/13/1985				ation of Far-	End Data Co	mponents";
		Gawargy; "Electronic Hyl	orid Circuit"; 10)/31/1989		<u> </u>	-	
		Cho et al.; "A Single-Chi Cordless Telephones"; 1	o CMOS Direct 999	t Conversion 7	ransceiver	for 900 MHz	Spread-Spec	ctrum Digital
		Shoval et al.; "A CMOS	Mixed-Signal 1	00Mb/s Rece	ive Archited	ture for Fast	Ethernet"; 19	999
		Hester et al.; "CODEC fo	or Echo-Cance	ling Full-Rate	ADSL Mod	ems"; Decer	nber, 1999	
			"				•	
						-		/
			***		<u> </u>	***	_	
					·		~	
						-		
								" , •
EXAMINER	·			DATE CONSIDI	ERED		 -	
* EXAMINER: Initial if r	eference	considered, whether or not citation is in conforman	ce with MPEP 609; Draw line	through citation if not in con	formance and not consi	dered. Include copy of thi	s form with next communic	ation to applicant.

FORM PTO 1449 MODIFIED				ATTORNEY DOCKET NO.		APPLICATION NO.		
LIST OF REFERENCES CITED BY APPLICANT DATE SUBMITTED TO USPTO: July 12, 2005 U.S. PATENT DOCUMENTS				MP0088.IC3		Unassigned		
				APPLICANT Sehat SUTARDJA				
				FILING DATE		GROUP		
				07/12/200	05	Unass	signed	
	OCUMENTS	1	-		· 1		T	
*EXAMINER INITIALS	DOCUMENT NUMBER	DATE	'	NAME	CLASS	SUBCLASS	FILING DATE	
	6,163,579	12/19/2000	Harrington e	t al.				
	4,621,172	11/04/1986	Kanemasa e	et al.				
	5,841,809	11/24/1988	Koizumi et a	ıl.				
	5,018,134	05/21/1991	Kobuku et a	l . .				
	5,280,526	01/18/1994	Laturell					
	4,970,715	11/13/1990	McMahon					
	5,282,157	01/25/1994	Murphy et a			¹		
Ī	4,131,767	12/26/1978	Weinstein					
	5,245,654	09/14/1993	Wilkison et a	al.				
	4,817,081	03/28/1989	Wouda et al					
	5,887,059	03/23/1999	Xie et al.					
	6,462,688	10/08/2002	Sutardja			**************************************		
	3,543,009	11/24/1970	Voelcker					
	3,297,951	01/10/1967	Blasbalg					
	4,071,842	01/31/1978	Tewksbury					
	4,309,673	01/05/1982	Norberg et a	ıl.		•		
	4,408,190	10/04/1983	Nagano					
	4,464,545	08/07/1984	Werner					
	5,403,421	03/05/1985	Hareyama					
	4,527,126	07/02/1985	Petrich et al				1	
	4,591,832	05/27/1986	Fling et al.	-		-		
	4,605,826	08/12/1986	Kanemasa					
	4,626,803	12/02/1986	Holm					
	4,816,830	03/28/1989	Cooper					
-	4,868,571	09/19/1989	Inamasu					
EXAMINER			DATE CONSID	ERED	I		· · · · · · · · · · · · · · · · · · ·	

FORM PTO 1449 MODIFIED			ATTORNEY DOCKET NO.		APPLICATION NO.		
U.S. PATENT AND TRADEMARK OFFICE LIST OF REFERENCES CITED BY APPLICANT				MP0088.IC3 Unassign			signed
				APPLICANT Sehat SUTARDJA			
DATE SHRMITTED T	O USPTO: July 12, 2005		FILING DATE			OUP	
			07/12/20	005 Unassign		signed	
U.S. PATENT D	OCUMENTS				г		
*EXAMINER INITIALS	DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING DATE
	4,972,360	11/20/1990	Cukier et al.				
	4,988,960	01/29/1991	Tomisawa				
	5,084,865	01/28/1992	Koike				
	5,136,260	08/04/1992	Yousefi-Elea	zei			
	5,212,659	05/18/1993	Scott et al.				-
	5,245,231	09/14/1993	Kocis et al.				
	5,253,272	10/12/1993	Jaeger et al				
	5,307,064	04/26/1994	Kudoh			-	100-00
	5,307,405	04/26/1994	Sih				
	5,323,157	06/21/1994	Ledzius et a	l.			
	5,357,145	10/18/1994	Segaram				
	5,375,147	12/20/1994	Awata et al.				
	5,388,123	02/07/1995	Uesugi et al				
	5,392,042	02/21/1995	Pellon				
	5,444,739	08/22/1995	Uesegi et al				
	5,517,435	05/14/1996	Sugiyama				
	5,537,113	07/16/1996	Kawabata			t <u>.</u>	
	5,539,403	07/23/1996	Tani et al.			···	
	5,539,773	07/23/1996	Knee et al.	· · · · · · · · · · · · · · · · · · ·			
	5,568,142	10/22/1996	Velazquez e	t al.			
··············	5,579,004	11/26/1996	Linz			<u> </u>	
	5,651,029	07/22/1997	Yang et al.				
	5,659,609	08/19/1997	Koizumi et a	l.			
	5,684,482	11/04/1997	Galton				
	5,696,796	12/09/1997	Poklemba				
EXAMINER			DATE CONSIDERED				

FORM PTO 1449 MODIFIED U.S. PATENT AND TRADEMARK OFFICE			ATTORNEY DOCKET NO.		APPLICATION NO.			
LIST OF REFERENCES CITED BY APPLICANT DATE SUBMITTED TO USPTO: July 12, 2005				MP0088.IC3 Unassigne			signed	
				Sehat SUTARDJA				
				FILING D	ATE	GROUP		
U.S. PATENT D			07/12/2	005	Unassigned			
*EXAMINER	JOCUMENTS			·			1	
INITIALS	DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING DATE	
	5,963,069	10/05/1999	Jefferson et	al.				
	5,982,317	11/09/1999	Steensgaar	d-Madsen		···		
	6,014,048	01/11/2000	Talaga et al				_	
	6,037,812	03/14/2000	Gaudet					
	6,047,346	04/04/2000	Lau et al.					
	6,067,327	05/23/2000	Creigh et al			=		
	6,094,082	07/25/2000	Gaudet .					
	6,100,830	08/08/2000	Dedic				1	
	6,137,328	11/24/2000	Sung			,		
•	6,150,856	11/21/2000	Morzano					
	6,172,634 B1	01/09/2001	Leonowich (et al.				
	6,201,490 B1	03/13/2001	Kawano et a	al.				
	6,215,429 B1	04/10/2001	Fischer et a	1.				
	6,236,345 B1	05/22/2001	Dagnachew	et al.				
,	6,249,249 B1	06/19/2001	Obayashi et	al.				
	6,259,745 B1	07/10/2001	Chan					
	6,271,782 B1	08/07/2001	Steensgaar	d-Madsen				
	6,289,068 B1	09/11/2001	Hassoun et	al.				
	6,313,775 B1	11/06/2001	Lindfors et a	ıl.				
	6,333,959 B1	12/25/2001	Lai et al.					
	6,339,390 B1	01/15/2002	Velazquez e	et al.				
	6,340,940 B1	01/22/2002	Melanson			-		
	6,351,229 B1	02/26/2002	Wang					
	6,373,417 B1	04/16/2002	Melanson					
	6,385,442 B1	05/07/2002	Vu et al.	·				
EXAMINER			DATE CONSID	ERED				

6,441,761 B1 08/27/2002 V 6,476,749 B1 11/05/2002 Y 6,492,922 B1 12/10/2002 N 6,509,857 B1 01/21/2003 N 6,531,973 B2 03/11/2003 B 6,539,072 B1 03/25/2003 D 6,570,931 B1 05/27/2003 S 6,714,825 B1 03/30/2004 T	angberg et /iswanathar /eap et al. New	FILING DA 07/12/20 NAME al.	APP Sehat S	Unass LICANT UTARDJA GRO Unass	DUP
DATE SUBMITTED TO USPTO: July 12, 2005 U.S. PATENT DOCUMENTS *EXAMINER INITIALS 6,421,377 B1 6,441,761 B1 6,476,749 B1 11/05/2002 6,492,922 B1 12/10/2002 6,509,857 B1 01/21/2003 6,531,973 B2 03/11/2003 6,539,072 B1 05/27/2003 6,570,931 B1 05/27/2003 5 6,714,825 B1 03/30/2004	angberg et /iswanathar /eap et al.	FILING DA 07/12/20 NAME al.	Sehat S TE 05	UTARDJA GRO Unass	
U.S. PATENT DOCUMENTS *EXAMINER INITIALS DOCUMENT NUMBER DATE 6,421,377 B1 07/16/2002 6,441,761 B1 08/27/2002 6,476,749 B1 11/05/2002 6,492,922 B1 12/10/2002 6,509,857 B1 01/21/2003 6,531,973 B2 03/11/2003 6,539,072 B1 05/27/2003 6,570,931 B1 05/27/2003 5 6,714,825 B1 03/30/2004	angberg et /iswanathar /eap et al.	FILING DA 07/12/20 NAME al.	TE 05	GR0 Unass	
U.S. PATENT DOCUMENTS *EXAMINER INITIALS DOCUMENT NUMBER DATE	angberg et /iswanathar /eap et al.	07/12/20 NAME al.	05	Unass	
*EXAMINER INITIALS DOCUMENT NUMBER DATE 6,421,377 B1 07/16/2002 L 6,441,761 B1 08/27/2002 V 6,476,749 B1 11/05/2002 Y 6,492,922 B1 12/10/2002 N 6,509,857 B1 01/21/2003 N 6,531,973 B2 03/11/2003 B 6,539,072 B1 03/25/2003 D 6,570,931 B1 05/27/2003 S 6,714,825 B1 03/30/2004 T	angberg et /iswanathar /eap et al.	al.	CLASS		
INITIALS DOCUMENT NUMBER DATE	angberg et /iswanathar /eap et al.	al.	CLASS	SUBCLASS	
6,441,761 B1 08/27/2002 V 6,476,749 B1 11/05/2002 Y 6,492,922 B1 12/10/2002 N 6,509,857 B1 01/21/2003 N 6,531,973 B2 03/11/2003 B 6,539,072 B1 03/25/2003 D 6,570,931 B1 05/27/2003 S 6,714,825 B1 03/30/2004 T	/iswanathar /eap et al.				FILING DATE
6,476,749 B1 11/05/2002 Y 6,492,922 B1 12/10/2002 N 6,509,857 B1 01/21/2003 N 6,531,973 B2 03/11/2003 B 6,539,072 B1 03/25/2003 D 6,570,931 B1 05/27/2003 S 6,714,825 B1 03/30/2004 T	reap et al.	1			
6,492,922 B1 12/10/2002 N 6,509,857 B1 01/21/2003 N 6,531,973 B2 03/11/2003 B 6,539,072 B1 03/25/2003 D 6,570,931 B1 05/27/2003 S 6,714,825 B1 03/30/2004 T					
6,509,857 B1 01/21/2003 N 6,531,973 B2 03/11/2003 B 6,539,072 B1 03/25/2003 D 6,570,931 B1 05/27/2003 S 6,714,825 B1 03/30/2004 T	New				
6,531,973 B2 03/11/2003 B 6,539,072 B1 03/25/2003 D 6,570,931 B1 05/27/2003 S 6,714,825 B1 03/30/2004 T					
6,539,072 B1 03/25/2003 D 6,570,931 B1 05/27/2003 S 6,714,825 B1 03/30/2004 T	Nakao				ı
6,570,931 B1 05/27/2003 S 6,714,825 B1 03/30/2004 T	Brooks et al.				
6,714,825 B1 03/30/2004 T	Donnelly et a	al.			
	Song				-
6 816 097 B2 11/09/2004 B	Гапака				
0,010,097 B2 11/09/2004	Brooks et al.				
6,844,837 B1 01/18/2005 S	Sutardja et a	ıl.			
2002-0061087 A1 05/23/2002 V	Villiams				
2002-0084857 A1 07/04/2002 K	Cim				
2004-0141569 A1 07/22/2004 A	Agazzi				
5,243,346 09/07/1993 Ir	nami				•
5,267,269 11/30/1993 S	Shih et al.				
6,154,784 11/28/2000 L	_iu				
6,163,283 12/19/2000 S	Schofield			<u> </u>	
6,163,289 12/19/2000 G	Ginetti				
6,185,263 B1 02/06/2001 C	Chan				
6,191,719 B1 02/20/2001 B	Bult et al.				
6,249,164 B1 06/19/2001 C	Cranford Jr.	et al.			
6,259,745 B1 07/10/2001 C	Chan				
6,259,012 B1 09/25/2001 G	Greig				
6,037,490 B1 10/23/2001 L	itfin et al.			A	
EXAMINER D				<u>v </u>	

FORM PTO 1449 MODIFIED U.S. PATENT AND TRADEMARK OFFICE LIST OF REFERENCES CITED BY APPLICANT				ATTORNEY DOCKET NO. MP0088.IC3		APPLICATION NO. Unassigned	
DATE SUBMITTED TO USPTO: July 12, 2005				FILING DATE		GROUP	
J.S. PATENT D	OCUMENTS		07/12	/2005	Unassigned		
*EXAMINER	JOCOMIEN 13						1
INITIALS	DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING DATE
	6,346,899 B1	02/12/2002	Hadidi	n <u></u> .			
	6,369,734 B2	04/09/2002	Volk			_	
	6,389,077 B1	05/14/2002	Chan				
	6,501,402 B2	12/31/2002	Boxho	_			
	6,509,854 B1	01/21/2003	Morita et al				
	5,949,362	09/07/1999	Tesche et a	al.			
	5,373,147	12/20/1994	Awata et al	•		·	
	5,790,060	08/04/1998	Tesche				
·	60/106,265	10/30/1998	Chan				
	60/107,105	11/04/1998	Chan				
	60/107,702	11/09/1998	Chan	· · ·			
	60/108,001	11/11/1998	Chan			`	
	6,563,870	05/13/2003	Schenk				<u> </u>
	6,583,742	06/24/2003	Hossak				
	6,608,743	08/19/2003	Suzuki				1
	6,332,004	12/18/2003	Chan				
	6,690,742	02/10/2004	Chan			********	
	5,164,725	11/17/1992	Long				
	6,259,745	07/10/2001	Chan				-
			4			******	
				 			
EXAMINER			DATE CONSID	ERED	1 1	· · ·	

^{*} EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.